

BADU[®] M1/M2

Durable, reliable and efficient.
Corrosion resistant metering water pump for continuous analysis.

Field of application

Metering water pump for the continuous analysis of pool water in public swimming pools.
Pumped liquid: Swimming pool water.

Design

Monoblock-type pump with integrated strainer tank.
Bellow-type mechanical seal mounted on a plastic impeller hub. Motor/pump shaft has no contact with the pool water providing complete electrical separation.
Strainer tank capacity approx. 0.5 l
Strainer basket mesh size approx. 2.8 x 2.8 mm

Materials used

Pump housing PP
Gland housing PP TV 40
Impeller PP 66 GF 30/PC
Strainer basket PP
Lid PC, transparent/PA 66 GF 30
Glue socket PVC
Mechanical seal carbon/ceramic/NBR
Elastomers NBR/Viton
Screws stainless steel

Technical data at 50 Hz	BADU	M1	M2
Inlet dS/outlet connection dD glue sockets		32/25 ¹⁾	32/25 ¹⁾
Rec. inlet/outlet pipe, PVC pipe, d		50/50	50/50
Power input P ₁ /output P ₂ ¹⁾ (kW)	1~ 230 V	0.35/0.18	0.45/0.25
Rated current (A)	1~ 230 V	1.95	2.30

For detailed information regarding the motor protection please see page 104.

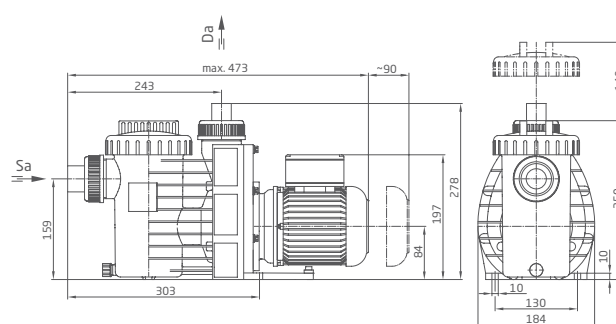
¹⁾ Special unions with glue sockets are included in delivery. | Technical data may vary.

Article no	Type	Voltage	Power output P ₂
219.1040.838	BADU M1	1~ 230 V	0.18 kW
219.1060.838	BADU M2	1~ 230 V	0.25 kW

The above-mentioned pumps can be used for swimming pool water with a salt concentration of up to 0.5 % i.e. 5 g/l.
For higher salt concentrations please contact us.



Dimensions



Detailed dimensions available on request.